Work Order Monday, November				*761	57*						Page 1
Revision ID:	3220-041 oubler Assembly			Accept	*N900	<u>040</u>	100)* s	Setup Star	171	S1* S2*
	1/7/2011 Sta	art Qty: 4.00 eq'd Qty: 4.00	*4* *4*		Cust Item l Customer:	D:					
	Process Plan: QC:		Date:////////////////////////////////////	Tooling: SPC (Y/N):		ate:		F	Run Star Sto	1/1	R1* R2*
Sequence ID/ Work Center ID		eration scription		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision	ı Nbr									
D3220	В										
*100 *100* Waterjet FLOW CNC Waterjet	FLC	Prog Rev:	<u>R</u>	0.00 0.00 Dwg Rev: \(\sum_{\substack}\)				1311-11	~ <u>(O</u>		
*110 * QC Quality Control	QC:		f necessary machine FAI/FAIB	0.00				FS.I	<u>lj</u> 10		
120 * 1 2 0 * QC	QC	8- Inspect parts - se Memo	cond check	, Ju $\gtrsim^{00.0}_{00.0}$	ulu			46			

Quality Control

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W/O:			V	VORK ORDER CHANGE	S			
DATE	STEP	PRO	OCEDURE CH	IANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Ca	tegory:	NCR: Yes	No DQA:	Date: _	
		esolution:						
NCR:		\	WORK OR	DER NON-CONFORMAI	NCE (NCR))		
DATE	CTED	Description of NC		Corrective Action Section		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
		•						

Work Orde Monday, Novem				*761	57*							Page 2
Revision ID:	D3220-041			Accept	*N900	040	100)*	Setup	Start Stop		S1*
Item Name: Start Date: Required Date: Reference:	Doubler Asser 11/7/2011 11/16/2011	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item II Customer:	D:					"IN	S2*
Approvals:		n:	Date:	Tooling: _ SPC (Y/N):		te:			Run	Start Stop	*N *N	R1* R2*
Sequence ID/ Work Center II 130 *120* Small Fab Small Fab	D	Operation Description Small Fab Memo 1-Deburr 2-C'sink D3	220-1 as per Dwg D3220	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accep Qty	t Re Qt	-	Reject Number	Insp. Stamp
140 *140* QC Quality Control		QC5- Inspect part compl	eteness to step on W/O	0.00 S w	lulid			(x6)) (-	·

0.00

0.00

Chemical Conversion Coat per QSI005 4.1

Memo

150

150
HandFinish

Hand Finishing

6 Bl 11-11-14.

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W/O:		77777	WC	RK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Cate	jory:	NCR: Yes	No DQ	A:	Date:	
	Re	esolution:	Disposition);	_ QA: N/C CI	osed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCR)			
DATE	STEP	Description of NC		Corrective Action Section		Verific		Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Secti	on C	Chief Eng	QC Inspector
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Work Ord Monday, Novem					*761	57*					11010/010		Page 3
Item ID: Revision ID: Item Name:	D3220-041 Doubler Asser	mbly		A	ccept	*N900	040	100	*	Setup	Start Stop	ı VI.	S1* S2*
Start Date: Required Date: Reference:	11/7/2011	Start Qty: 4.00 Req'd Qty: 4.00		4* 4*		Cust Item I Customer:	D:						
Approvals:	Process Pla	nn:	Date:		Tooling: SPC (Y/N):		ate:			Run	Start Stop	*N *N	R1* R2*
Sequence ID/ Work Center I 160 *160* QC Quality Control	D	Operation Description QC3- Inspect Part Finish Memo			Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Re Qt		Reject Number	Insp. Stamp
170 *170* Small Fab Small Fab		Small Fab Memo Assemble D3	220-041 doubl	er as per Dw	0.00 0.00 g D3220			ſ	4		- 	<u> </u>	(6)
1 RN QC Quality Control		QC5- Inspect part comple Memo	teness to step o	on W/O	0.00 0.00 Eululi	5			46 -ery)			

W/O:			W	ORK ORDER CHANGE	S				
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
								Prod Mgr	
<u> </u>			***************************************						
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Part No	•	PAR #:	Fault Cat	egory:	NCR: Yes	No DQA :		Date:	
		esolution:							
NCR:		. V	VORK OR	DER NON-CONFORMAN	ICE (NCR)			
DATE	OTED	Description of NC		Corrective Action Section		Verificat	ion	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section		Chief Eng	QC Inspector
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Work Orde				*761	57*							Page 4
Item ID: Revision ID:	D3220-041		A	Accept	*N900	040	100)*	Setup	Start	*N.	S1*
Item Name:	Doubler Asse	mbly								Stop	*N.	S2*
Start Date: Required Date: Reference:	11/7/2011 11/16/2011	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item II Customer:	D:			٠			
Approvals:	Process Pla	an:	Date:	Tooling: _	Da	te:	_	J	Run	Start	*N	R1*
	QC:		Date:	SPC (Y/N):		te:				Stop	*N	R2*
Sequence ID/ Work Center II		Operation Description Identify as per dwg & Sto	ck Location S 177	Set Up/ Run Hours 0.00	Tool ID	Tool #	Plan Code	Accept Qty	Qty	y 1	Reject Number	Insp. Stamp
190 Packaging Packaging		Memo		0.00				80			=15_	9
200		QC21- Final Inspection -	Work Order Release	0.00						11		is D
200 QC Ouality Control		Memo		0.00					. <u></u>	<u> </u>	111/1	

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W/O:			WC	RK ORDER CHANG	ES				· · · · · · · · · · · · · · · · · · ·
DATE	STEP	PRO	OCEDURE CHAI		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	jory:	_ NCR: Yes	No DQ	A:	Date: _	
	R	esolution:	Disposition	l:	_ QA: N/C (Closed:	<u> </u>	Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	ANCE (NC	R)			
DATE	STEP	Description of NC	ļ		ion B		cation	Approval	Approval
	0121	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat		ion C	Chief Eng	QC Inspector
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Picklist Print

Monday, November 07, 2011 12:56:22 PM

Work Order ID: 76157

76157

D3220-041 Parent Item:

D3220-041

Parent Item Name: Doubler Assembly

Start Date: 11/7/2011

Required Date: 11/16/2011

Page 1

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP Rev:A New Issue 05-11-06 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Statu Issued
M2024T3S.050		Purchased	No			100	sf	83.1000	0.6926	2.916211	4	.5
M2024T?	S 050								**	B	11-11-10	
				Location		Loc	<u>Oty</u>	Loc Code				
				MAT22			83.1					(6)
					117684		83.1			117684		
AS20426AD3-3		Purchased	No			170	Each	4,105.000	8	32/	/ /	_
*MS20426	3 D 2 - 2 *								**	2311	/1/1/1	
Rivet	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									7//~/		
				Location		Loc	<u>Oty</u>	Loc Code			,	
				ST316			4105		/			
					119109		3000		_			
					19099		1105			48	1	,
MS21059L4		Purchased	No			170	Each	59.0000	4	16//	1	1

MS21059I 4

Nutplate

Location	Loc Qty	Loc Code
ST301	59	
117887	9	
118612	50	

W/O:	WORK ORDER CHANGES										
DATE	STEP	PRO	CEDURE CH	HANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
									·		
- · · · · ·			 -								
Part No	•	PAR #:	Fault Ca	tegory: N	CR: Yes	No DQA	•	Date:			
•	R	esolution:	Disposit	ion: Q	A: N/C CI	osed:		Date:			
NCR:		V	WORK ORDER NON-CONFORMAN								
DATE	STEP	Description of NC		Corrective Action Section B		Verifica	ation	Approval	Approval		
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section	n C	Chief Eng	QC Inspector		
								:			

DART AEROSPACE LTD	Work Order:	74/57
Description: Doubler	Part Number:	D3220-1
Inspection Dwg: D3220 Rev: B		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

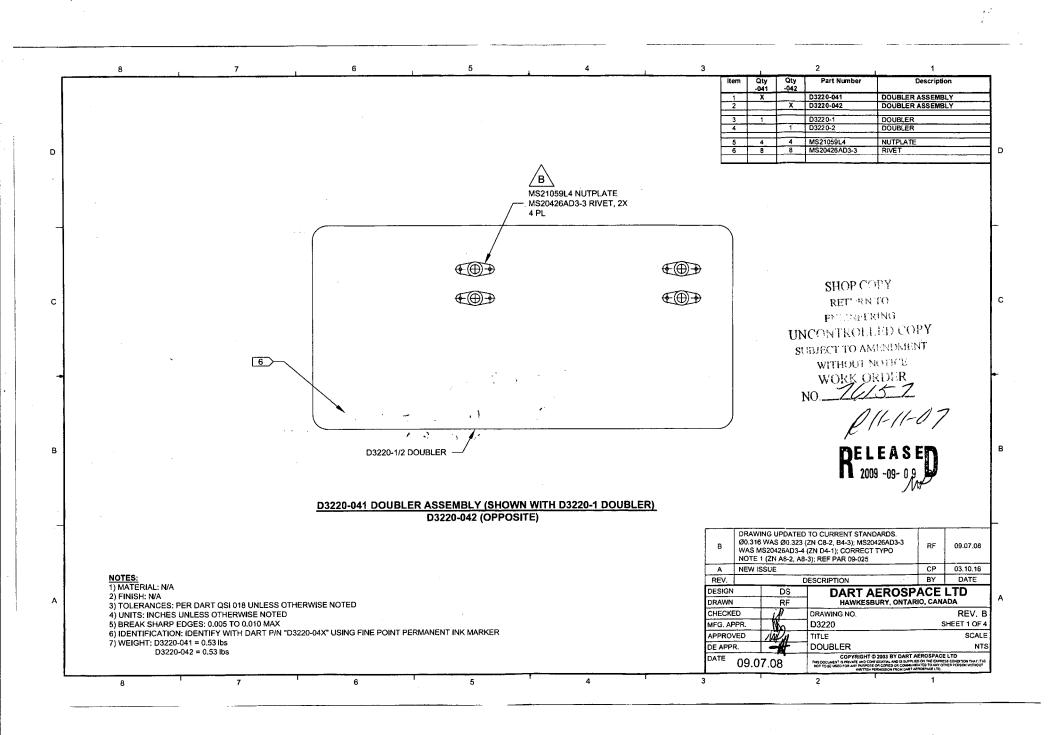
X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
5.50	+/-0.030	S,SSS	7		V B07	
14.25	+/-0.030	14,05	75		T BUI	
R0.50	+/-0.030	150	2		R.G	
7.00	+/-0.030	7.012	⋧		ν	
7.000	+/-0.005	6.998	2		V	
1.50	+/-0.030	1,50(7		V	
1.000	+/-0.005	, ५१५	2		V	
0.500	+/-0.005	,501	2		V	
1.000	+/-0.005	1,002	>		V	
0.316	+0.005/-0.000	317	X		V	
0.098	+0.005/-0.000	,099	2		\ <u>r</u>	
0.050 thick	+/-0.005	,050	7		V	
Grain Direction	N/A		7			

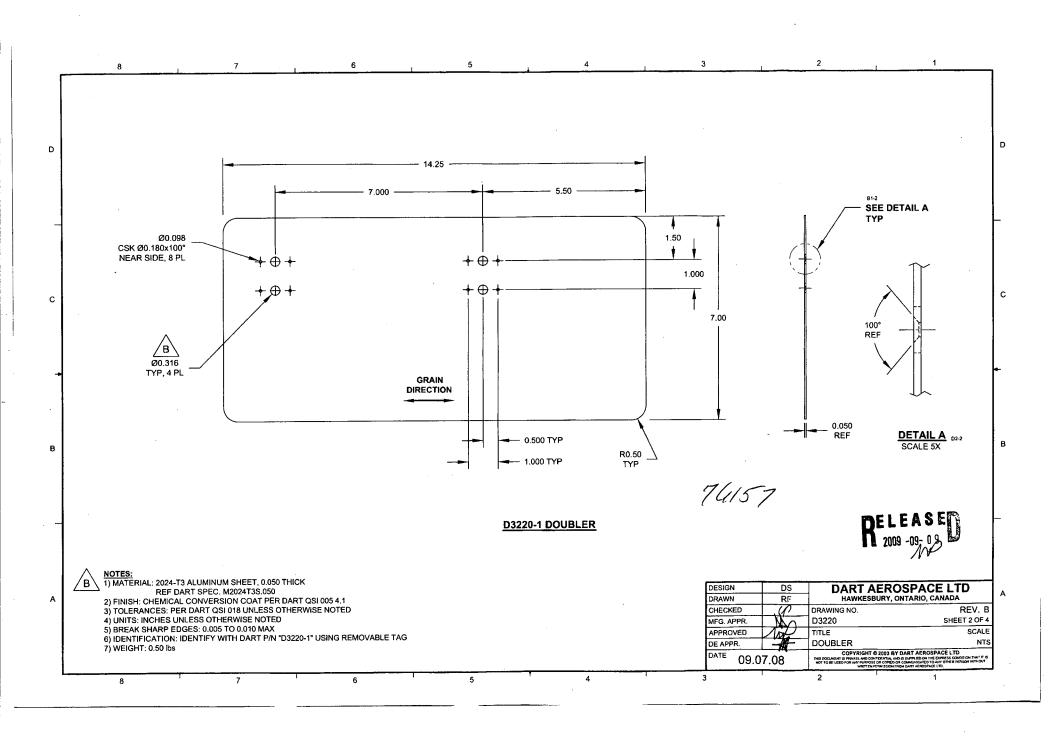
Mea	sured by:	B	Audited by:	2	Prototype Approval:	N/A
	Date:	11-11-10	Date:	ululy	Date:	N/A

Rev	Date	Change		Revised by	Approved
Α	04.02.27	New Issue	P/O D3220-041	KJ/RF	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
В	10.02.02	Dwg Rev updated		KJ 🛠	

W/O:		WORK ORDER CHANGES										
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approvál QC Inspector			
Part No:		PAR #:	Fault Ca	tegory:	_ NCR: Yes	No DQ	A:	Date: _				
	Resolution: Disposition:			on:	QA: N/C Closed: Date:							
NCR:		V	VORK ORI	DER NON-CONFORMA	NCE (NC	R)	-					
DATE	CTED	Description of NC Corrective Action				Verifi	cation App	Approval	Approval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat	& Sect	Section C	Chief Eng	QC Inspector			
			ļ									



W/O:			WORK ORDER CHANGES									
DATE	STEP	PR	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No	Part No: PAR #:		PAR #: Fault Category:			No DQ	DQA: Date:					
Resolution:		Disposition	_ QA: N/C CI	osed:		Date:						
NCR:			WORK ORDE	ER NON-CONFORMA	NCE (NCF	₹)						
DATE	STEP	Description of NC		Corrective Action Section		Verific		Approval	Approval			
	J. Z.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section	on C	Chief Eng	QC Inspector			
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W/O:	<u>'</u>		WC	RK ORDER CHANG	GES		(
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Part No: PAR #:		PAR #:	Fault Cate	gory:	NCR	: Yes	No DQ	\ :	_ Date: _	
		Disposition: QA			A: N/C Closed: Date:					
NCR:			WORK ORDE	R NON-CONFORM	IANCE	(NCR)			
DATE	OTED	Description of NC		Corrective Action Section B			Verific	Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Section		Chief Eng	QC Inspector
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